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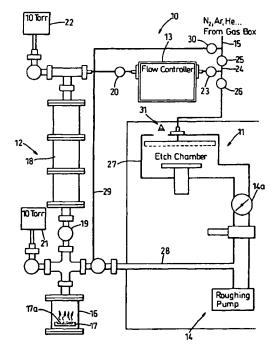
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(54) Method and apparatus for etching a workpiece

(57) An XeF₂ source 12 comprises a XeF₂ source chamber 16, which includes a tray or ampoule 17 for XeF₂ crystals 17a, a reservoir 18 via valve 19, a flow controller 13 fed by the reservoir 18 and a valve 20 be-

tween the reservoir 18 and the controller 13. Pressure sources 21 and 22 are provided respectively to maintain the reservoir 18 and the source chamber 16 at the sub-limination pressure of XeF_2 . The arrangement allows for a steady supply of XeF_2 to an etching chamber.





EUROPEAN SEARCH REPORT

Application Number EP 98 30 3196

Category	Citation of document with indication, wo of relevant passages		Relevant o claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)	
E	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 13, 30 November 1998 (1998-11-& JP 10 209088 A (MITSUBI: CORP), 7 August 1998 (1998 * abstract *	1- -30) SHI ELECTRIC	3,6,8	H01J37/32	
Α	PATENT ABSTRACTS OF JAPAN vol. 010, no. 325 (E-451) 6 November 1986 (1986-11-0 JP 61 134019 A (NEC CORT 21 June 1986 (1986-06-21) * abstract *	ó6)	6		
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)	
	The present search report has been drawn	n up for all claims			
Place of search		Date of completion of the search		Examiner	
	THE HAGUE	5 November 1999 Sch		aub, G	
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure		E : earlier patent docume after the filing date D : document cited in the L : document cited for oth	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons 8: member of the same patent family, corresponding		

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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25-11-1999

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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